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FILE COVERS 1907 - 20 Oct 2008 VOL 149 ISS 17

FILE LAST UPDATED: 19 Oct 2008 (20081019/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s boronic or organoboronic or boroxine or borate or boric or organoboric

9133 BORONIC

167 ORGANOBORONIC

229 BOROXINE

72603 BORATE

46072 BORIC

10 ORGANOBORIC

L1 117807 BORONIC OR ORGANOBORONIC OR BOROXINE OR BORATE OR BORIC OR ORGANOBORIC

=> s dehydrogenation or dehydration or "cross-coupling" or cross adj coupling or condensation

50188 DEHYDROGENATION

106369 DEHYDRATION

570225 "CROSS"

501467 "COUPLING"

11093 "CROSS-COUPLING"

("CROSS" (W) "COUPLING")

570225 CROSS

298 ADJ  
 501467 COUPLING  
     0 CROSS ADJ COUPLING  
       (CROSS(W)ADJ(W)COUPLING)  
 355345 CONDENSATION  
 L2 508500 DEHYDROGENATION OR DEHYDRATION OR "CROSS-COUPLING" OR CROSS ADJ  
       COUPLING OR CONDENSATION

=> s dehydrogenation or dehydration or "cross-coupling" or condensation

50188 DEHYDROGENATION  
 106369 DEHYDRATION  
 570225 "CROSS"  
 501467 "COUPLING"  
 11093 "CROSS-COUPLING"  
       ("CROSS"(W)"COUPLING")  
 355345 CONDENSATION  
 L3 508500 DEHYDROGENATION OR DEHYDRATION OR "CROSS-COUPLING" OR CONDENSATI  
       ON

=> s 1 and 3

9851968 1  
 7406578 3  
 L4 4832623 1 AND 3

=> s L1 and L3

L5 4357 L1 AND L3

=> s polymer###

L6 1962819 POLYMER###  
 95% OF LIMIT FOR TOTAL ANSWERS REACHED

=> s L5 and L6

L7 471 L5 AND L6

=> s L7 NOT suzuki

8161 SUZUKI  
 L8 387 L7 NOT SUZUKI

=> d L8 1-10 bib

L8 ANSWER 1 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:943503 CAPLUS Full-text  
 DN 149:252502  
 TI Method for the production of biocompatible hybrimers for optical  
       applications  
 IN Ruhl, Alexander Stephan; Meerholz, Klaus  
 PA Universitaet zu Koeln, Germany  
 SO PCT Int. Appl., 49pp.  
       CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008092628	A1	20080807	WO 2008-EP659	20080129
	W:				
	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,				
	CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,				
	FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,				
	KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,				
	ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,				

PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,  
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,  
 IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,  
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,  
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

DE 102007005462 A1 20080731 DE 2007-102007005462 20070130  
 PRAI DE 2007-102007005462 A 20070130  
 RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:914880 CAPLUS Full-text  
 DN 149:231691  
 TI Method for the preration of metal oxide-based biocompatible hybrimers with  
 photochromic or fluorescent proteins  
 IN Ruhl, Alexander Stefan; Meerholz, Klaus  
 PA Universitaet zu Koeln, Germany  
 SO Ger. Offen., 15pp.  
 CODEN: GWXXBX

DT Patent  
 LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 102007005462	A1	20080731	DE 2007-102007005462	20070130
	WO 2008092628	A1	20080807	WO 2008-EP659	20080129
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI DE 2007-102007005462 A 20070130  
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:897716 CAPLUS Full-text  
 DN 149:356773  
 TI Preparation and pervaporation performance of surface crosslinked PVA/PES  
 composite membrane  
 AU Guo, Ruili; Fang, Xin; Wu, Hong; Jiang, Zhongyi  
 CS Key Laboratory for Green Chemical Technology, School of Chemical  
 Engineering and Technology, Tianjin University, Tianjin, 300072, Peop.  
 Rep. China  
 SO Journal of Membrane Science (2008), 322(1), 32-38  
 CODEN: JMESDO; ISSN: 0376-7388  
 PB Elsevier B.V.  
 DT Journal  
 LA English

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:809370 CAPLUS Full-text  
 DN 149:308218  
 TI Synthesis of poly(silphenylene-siloxane) through dehydrocarbon  
 polycondensation of 1,4-bis(dimethylsilyl)benzene and dialkoxysilane  
 AU Chen, Xun-jun; Cui, Ying-de; Yin, Guo-qiang; Liao, Lie-wen; Hu, Wen-bin  
 CS Institute of Green Chemical Engineering, Zhongkai University of  
 Agriculture and Technology, Guangzhou, 510225, Peop. Rep. China  
 SO Chinese Journal of Polymer Science (2008), 26(4), 481-487  
 CODEN: CJPSEG; ISSN: 0256-7679  
 PB World Scientific Publishing Co. Pte. Ltd.  
 DT Journal  
 LA English  
 RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:805971 CAPLUS Full-text  
 DN 149:131891  
 TI Enhanced oil recovery systems and consumer products containing secondary  
 alcohol derivatives  
 IN Raney, Kirk Herbert; Schmidt, William Warren  
 PA Shell Oil Company, USA; Shell Internationale Research Maatschappij B.V.  
 SO PCT Int. Appl., 197pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008079855	A2	20080703	WO 2007-US88075	20071219
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI US 2006-871315P	P	20061221		

L8 ANSWER 6 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:743545 CAPLUS Full-text  
 DN 149:62872  
 TI Manufacturing high strength dental fiber-reinforced composite posts  
 IN Karmaker, Ajit; Karlak, Mike; Jia, Weitao  
 PA USA  
 SO U.S. Pat. Appl. Publ., 10pp., Cont.-in-part of U.S. Ser. No. 839,696.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080145820	A1	20080619	US 2007-946960	20071129

US 20040241609 A1 20041202 US 2004-839696 20040505  
PRAI US 2003-468935P P 20030508  
US 2004-839696 A2 20040505

L8 ANSWER 7 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2008:686405 CAPLUS Full-text  
DN 149:111125  
TI Modification of waste slag material for pumping  
IN Chen, Shuyi  
PA Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	CN 101190441	A	20080604	CN 2007-10004842	20070202
PRAI	CN 2006-10118779	A	20061127		

L8 ANSWER 8 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2008:621492 CAPLUS Full-text  
TI A phosphanyl-substituted benzo-1,3,2-dioxaborol as ambiphilic bifunctional  
lewis donor-acceptor unit  
AU Chikkali, Samir; Magens, Silja; Gudat, Dietrich; Nieger, Martin;  
Hartenbach, Ingo; Schleid, Thomas  
CS Institut fuer Anorganische Chemie, Universitaet Stuttgart, Stuttgart,  
70550, Germany  
SO European Journal of Inorganic Chemistry (2008), (13), 2207-2213  
CODEN: EJICFO; ISSN: 1434-1948  
PB Wiley-VCH Verlag GmbH & Co. KGaA  
DT Journal  
LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2008:614018 CAPLUS Full-text  
DN 148:589305  
TI Method for manufacturing high-temperature proton exchange membrane for  
fuel cell  
IN Deng, Zhenghua; Pan, Zhonglai; Ma, Zhigang; Gao, Jiandong; Li, Rengui;  
Deng, Jiamin; Wang, Lu; Suo, Jishuan  
PA Chengdu Zhongke Laifang Energy Science and Technology Co., Ltd., Peop.  
Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 16pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	CN 101183724	A	20080521	CN 2007-10203269	20071220
PRAI	CN 2007-10203269		20071220		

L8 ANSWER 10 OF 387 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2008:531365 CAPLUS Full-text  
DN 148:579867  
TI Preparation of Uniform Magnetic Microspheres through Hydrothermal  
Reduction of Iron Hydroxide Nanoparticles Embedded in a Polymeric

Matrix

AU Zhang, Lei; Chen, Lei; Wan, Qian-Hong  
CS School of Pharmaceutical Science & Technology, Tianjin University,  
Tianjin, 300072, Peop. Rep. China  
SO Chemistry of Materials (2008), 20(10), 3345-3353  
CODEN: CMATEX; ISSN: 0897-4756  
PB American Chemical Society  
DT Journal  
LA English  
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s L8 and boroxine

229 BOROXINE

L9 6 L8 AND BOROXINE

=> d L9 1-6 bib

L9 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2008:525323 CAPLUS Full-text  
DN 149:10431  
TI Organized Formation of 2D Extended Covalent Organic Frameworks at Surfaces  
AU Zwaneveld, Nikolas A. A.; Pawlak, Remy; Abel, Mathieu; Catalin, Daniel;  
Gigmes, Didier; Bertin, Denis; Porte, Louis  
CS Laboratoire Chimie Provence Faculte des Sciences et Techniques,  
Universites Aix-Marseille I, II, III-CNRS UMR 6264, Marseille, 13397, Fr.  
SO Journal of the American Chemical Society (2008), 130(21), 6678-6679  
CODEN: JACSAT; ISSN: 0002-7863  
PB American Chemical Society  
DT Journal  
LA English  
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:860859 CAPLUS Full-text  
TI Synthesis and characterization of arylboroxine-containing copolymers and  
boroxine core molecular assemblies  
AU Iovine, Peter M.; Arnold, Matthew; Loera, Jason; Perttu, Emily K.;  
Fletcher, Matthew; Lin, Shirley  
CS Department of Chemistry, University of San Diego, San Diego, CA, 92110,  
USA  
SO Abstracts of Papers, 232nd ACS National Meeting, San Francisco, CA, United  
States, Sept. 10-14, 2006 (2006), INOR-467 Publisher: American Chemical  
Society, Washington, D. C.  
CODEN: 69IHRD  
DT Conference; Meeting Abstract; (computer optical disk)  
LA English

L9 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:248925 CAPLUS Full-text  
TI Synthesis and characterization of arylboroxine assemblies: Versatile  
organizing elements in nanoscale molecular assemblies and polymers  
AU Iovine, Peter M.; Perttu, Emily K.; Arnold, Matthew; Fletcher, Matthew;  
Lin, Shirley  
CS Department of Chemistry, University of San Diego, San Diego, CA, 92110,  
USA  
SO Abstracts of Papers, 231st ACS National Meeting, Atlanta, GA, United  
States, March 26-30, 2006 (2006), ORGN-210 Publisher: American Chemical

Society, Washington, D. C.

CODEN: 69HYEC

DT Conference; Meeting Abstract; (computer optical disk)

LA English

L9 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:358793 CAPLUS Full-text

DN 142:93880

TI New developments in boroxin chemistry: Metal alkoxide condensation reactions, and diisocyanate polymerization reactions

AU Beckett, Michael A.; Rugen-Hankey, Martin P.; Varma, K. Sukumar

CS Department of Chemistry, University of Wales, Gwynedd, LL57 2UW, UK

SO Boron Chemistry at the Beginning of the 21st Century, [Proceedings of the International Conference on the Chemistry of Boron], 11th, Moscow, Russian Federation, July 28-Aug. 1, 2002 (2003), Meeting Date 2002, 87-90.

Editor(s): Bubnov, Yu. N. Publisher: A. N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, Moscow, Russia.

CODEN: 69FIMU; ISBN: 5-9519-0019-0

DT Conference

LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:937275 CAPLUS Full-text

DN 140:111802

TI Novel Stable Blue-Light-Emitting Oligofluorene Networks Immobilized by Boronic Acid Anhydride Linkages

AU Li, Yuning; Ding, Jianfu; Day, Michael; Tao, Ye; Lu, Jianping; D'iorio, Marie

CS Institute for Chemical Process and Environmental Technology (ICPET), National Research Council of Canada (NRC), Ottawa, ON, K1A 0R6, Can.

SO Chemistry of Materials (2003), 15(26), 4936-4943

CODEN: CMATEX; ISSN: 0897-4756

PB American Chemical Society

DT Journal

LA English

RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1982:200630 CAPLUS Full-text

DN 96:200630

OREF 96:33107a,33110a

TI New epoxy resins. I. The stability of epoxy-trialkoxymboroxines triaryloxyboroxine system

AU Chen, C. S.; Bulkin, B. J.; Pearce, E. M.

CS Polytech. Inst. New York, Brooklyn, NY, 11201, USA

SO Journal of Applied Polymer Science (1982), 27(4), 1177-90

CODEN: JAPNAB; ISSN: 0021-8995

DT Journal

LA English

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